

Successful British Screamer Killed

Russian Parachute Features Tested





FROM THE LAND, AND FROM THE SEA

The Terrier Clears the Air! Convenie versuals Toron missile is new string land data with the U.S. Marine Corps-offerding

The Terrier was the Marrier between and accusate freezeway where they Produced by County Frimons in cooperation with the U.S. Havy Surans of Orleance,

mobility is provided by learnthers and handling our instead developed specifically for ground use. the Torrier new can clear the nir foots both land and sea for your protection!



- NAME AND ADDRESS OF PERSONS OF PROPERTY.



The C-123 can't stop on a dime-

but it can land in 700 feet!

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## ENGINEERS

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AVATION WEEK # NOVEMBER 19, 1956 Vol. 65, No. 21

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Lightweight, Unregulated Transformer-Rectifier for Douglas DC-8 Features Narrow Voltage Fluctuation

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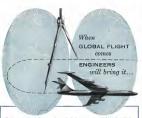


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# **B.F.Goodrich**



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### EDITORIAL

## Need for an Airborne Army

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### Air Force Capability

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AVAIDON WEEK, November 19, 1956



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ANATION WEIK, November 15, 1756





Missile System





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AVEATION WEEK, Neverber 17, 1996



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### AIR TRANSPORT

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ANAMON WIRK November 15, 1956

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AVAIGN WIRK, November 18, 1956

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## Brazilian Mergers Spur Equipment Race

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# AIR FRANCE

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\* Emery Air Faright Cusp reports mecess of \$145,654 for the steed que

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COCKPIT VIEWPOINT By Capt. R. C. Robern

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AWATION WITH, November 15, 1756

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## MISSILE ENGINEERING



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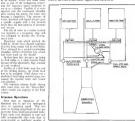
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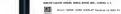
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AVAIGN WITK, November 19, 1956



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at the Guided Missiles Technical Forums

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In view of the intense interest to these foreign, and the subsequent sequents for repeats of the papers presented, we have decided to make these available upon request

Papers prenented were on the following subjects.

SOME AEROPHYSICS PROBLEMS CONNECTED

PROBLEMS OF STRUME ENGINEERS by Mr. A. W. Boltmon — Humper, Systems Engineering

THE INTEGRATION OF SYSTEMS TO: by Mr. William B. Esten - Manager,

by Dr. Joseph Parker -- Manager, Accordance

b) Mr. Samuel Levy -- Muse Stress Authors Paperson

TECHNICAL FORUM, BOOM 666-8
HISSUE AND ORDANASCE SYSTEMS OFFICENTEN

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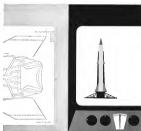


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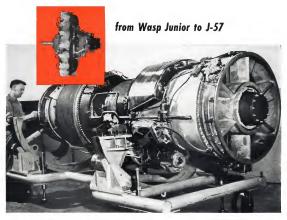


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## More than 25 years of engine development and the fasteners are still by ESNA

These two origines. Jould by Pratt & Whitney Aircraft over trength-wey some paper. J. chromatically reflect the evolution of aircraft power plants. Back in the early '80's engines rated at several hundred horsepower pulled air frames at speeds under 200 mph. Today the mighty J-57 develops over 1000 pounds of thrust and rockets America's fightest through to skiss at speeds faster than sound. Both of these power plants tomody the finest design and high precision production skills of their era; and both engines use Elastic Stop® nuts for important fasterium.

During the past two and one half decades of power plant evolution, the greatest challenge presented to fastener manufacturers by the development of jet engines has been the increase in temperatures at which the fasteners must perform efficiently. ESNA offered the industry the first stainless steel, silver-plated, long-beam self-locking nut for performance at 1000F. in 1947. And today ESNA is the first to produce a variety of lockaut shapes manufactured from Type A286 stainless steel. These self-locking nuts will meet the full capabilities of currently produced, A286 bolts at any temperature. If you accept the practical value of more than two decay of this kind of field testing and of new development engineering to meet the needs of the industry . . . you'll rely on Elsatic Stop nuts, too.





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